

AMENDMENTS TO THE CLAIMS

1 1. (Previously Presented) In a computer system, a method for generating documents
2 comprising:
3 receiving input data that includes information useful for generating a document from a
4 plurality of document components;
5 in response to receiving the input data, processing rules to determine which of one or
6 more document components of the plurality of document components to include
7 in a document, wherein the rules include component-to-component relationships
8 and at least one of the component-to-component relationships identifies under
9 what circumstances to include a first document component in the document when
10 a second document component is included in the document;
11 obtaining each of the plurality of document components to be included in the document
12 as determined by the processing of the rules;
13 generating said document to include each of the obtained document components; and
14 making said document available to a user.

1 2. (Original) The method of claim 1 wherein a configuration engine performs
2 said generating said document.

1 3. (Previously Presented) The method of claim 1 wherein at least one of said
2 plurality of document components comprises a compensation document component.

1 4. (Previously Presented) The method of claim 3 wherein said compensation
2 document component defines a commission associated with the sale of a product.

1 5. (Original) The method of claim 4 wherein said commission comprises
2 monetary compensation to be distributed to a sales representative.

1 6. (Previously Presented) The method of claim 3 wherein said compensation
2 document component is modeled using a commission model.

1 7. (Previously Presented) The method of claim 1 wherein at least one of said
2 plurality of document components comprises a textual document component.

1 8. (Previously Presented) The method of claim 7 wherein said textual
2 document component comprises pre-defined textual elements.

1 9. (Previously Presented) The method of claim 8 wherein said pre-defined
2 textual elements are extensible.

1 10. (Previously Presented) The method of claim 8 wherein said at least one
2 textual document component is a contractual clause and the document is a contract.

1 11-12. (Canceled)

1 13. (Previously Presented) The method of claim 1 wherein said component-to-
2 component relationship comprises a requires relation.

1 14. (Previously Presented) The method of claim 1 wherein said component-to-
2 component relationship comprises an optional relation.

1 15. (Previously Presented) In a computer system, a method for generating
2 documents comprising:
3 receiving selection inputs selecting a compensation component and a textual component;
4 in response to receiving the selection inputs, processing rules to determine which of one
5 or more components of a plurality of components to include in a document in
6 addition to the compensation component and the textual component, wherein the
7 rules include component-to-component relationships and at least one of the
8 component-to-component relationships identifies under what circumstances to
9 include a first component in the document when a second component is included
10 in the document;

11 obtaining the compensation component, the textual component, and each of the plurality
12 of components to be included in the document as determined by the processing of
13 the rules; and
14 generating said document to include each of the obtained components.

1 16. (Previously Presented) The method of claim 15 wherein a configuration
2 engine performs said generating said document.

1 17. (Previously Presented) The method of claim 15 wherein said compensation
2 component comprises a commission associated with a sale of a product.

1 18. (Original) The method of claim 17 wherein said commission comprises
2 monetary compensation to be distributed to a sales representative.

1 19. (Original) The method of claim 17 wherein said compensation component is
2 modeled using a commission model.

1 20. (Previously Presented) The method of claim 15 wherein said textual
2 elements comprises pre-defined textual elements.

1 21. (Previously Presented) The method of claim 20 wherein said textual
2 elements of said document are associated with a product.

1 22. (Original) The method of claim 15 wherein said document comprises a
2 contract.

1 23. (Previously Presented) The method of claim 20 wherein said textual
2 component is defined by a first user.

1 24. (Previously Presented) The method of claim 15 wherein at least one of said
2 plurality of components is defined as a member of a group consisting of a standard component,
3 required component, or optional component.

1 25. (Previously Presented) The method of claim 15 wherein said component-
2 to-component relationships comprise an includes relation.

1 26. (Previously Presented) The method of claim 15 wherein said component-
2 to-component relationships comprise an excludes relation.

1 27. (Previously Presented) The method of claim 15 wherein said component-
2 to-component relationships comprise a requires relation.

1 28. (Previously Presented) The method of claim 15 wherein said component-
2 to-component relationships comprise an optional relation.

1 29. (Previously Presented) In a computer system, a method for enabling a user
2 to define configurable documents comprising:
3 presenting a modeling interface to a user, wherein the modeling interface comprises a
4 computer generated graphical user interface;
5 obtaining modeling information from said user via said modeling interface;
6 generating at least one compensation plan from said modeling information;
7 generating at least one compensation component by creating a relation between each of
8 said at least one compensation plan and at least one product;
9 obtaining at least one textual element;
10 generating at least one textual component comprising said at least one textual element by
11 creating a relation between each of said at least one textual component and said at
12 least one product;
13 including respective rules associated with the compensation component and the textual
14 component in a document template, wherein the rules are executable by a

15 configuration engine, and the rules include component-to-component
16 relationships and at least one of the component-to-component relationships
17 identifies under what circumstances to include a first component in the document
18 template when a second component is included in the document template and
19 controlling how a configuration engine processes the document template to
20 configure a document with one or more of the components; and
21 associating said at least one compensation component and said at least one textual
22 component with the document template.

1 30. (Previously Presented) The method of claim 29 further comprising:
2 providing said document template to said configuration engine; and
3 processing said rules of said document template by said configuration engine to generate
4 a document.

1 31. (Previously Presented) The method of claim 30 wherein said processing
2 comprises:
3 obtaining one or more of the rules associated with said at least one compensation
4 component and said at least one textual component from said document template;
5 applying said one or more rules to generate a document; and
6 making said document available to a user.

1 32. (Previously Presented) The method of claim 31 wherein said one or more
2 rules comprises an includes rule.

1 33. (Previously Presented) The method of claim 31 wherein said one or more
2 rules comprises an excludes rule.

1 34. (Previously Presented) The method of claim 31 wherein said one or more
2 rules comprises a requires rule.

1 35. (Previously Presented) A computer program product comprising:
2 a computer usable medium comprising computer readable program code for generating
3 documents embodied therein, said computer readable program code configured to:
4 access input data that includes information useful for generating a document from
5 a plurality of document components;
6 in response to accessing the input data, process rules to determine which of one or
7 more document components of the plurality of document components to
8 include in a document, wherein the rules include component-to-
9 component relationships and at least one of the component-to-component
10 relationships identifies under what circumstances to include a first
11 document component in the document when a second document
12 component is included in the document;
13 obtain each of the plurality of document components to be included in the
14 document as determined by the processing of the rules;
15 generate said document to include each of the obtained document components;
16 and
17 make said document available to a user.

1 36. (Original) The computer program product of claim 35 wherein a
2 configuration engine performs said generating said document.

1 37. (Previously Presented) The computer program product of claim 35 wherein
2 at least one of said plurality of document components comprises a compensation document
3 component.

1 38. (Previously Presented) The computer program product of claim 37 wherein
2 said compensation document component defines a commission associated with the sale of a
3 product.

1 39. (Original) The computer program product of claim 38 wherein said
2 commission comprises monetary compensation to be distributed to a sales representative.

1 40. (Previously Presented) The computer program product of claim 38 wherein
2 said compensation document component is modeled using a commission model.

1 41. (Previously Presented) The computer program product of claim 35 wherein
2 at least one of said plurality of document components comprises a textual document component.

1 42. (Previously Presented) The computer program product of claim 41 wherein
2 said textual document component comprises pre-defined textual elements.

1 43. (Previously Presented) The computer program product of claim 42 wherein
2 said pre-defined textual elements are extensible.

1 44. (Previously Presented) The computer program product of claim 41 wherein
2 said textual document component is a contractual clause and the document is a contract.

1 45. (Original) The computer program product of claim 35 wherein said document
2 comprises a contract.

1 46. (Original) The computer program product of claim 35 wherein said document
2 comprises any document associated with a business transaction.

1 47. (Previously Presented) The computer program product of claim 35 wherein
2 at least one of said plurality of document components is defined as a standard document
3 component, required document component, or optional document component.

1 48. (Original) The computer program product of claim 35 wherein said
2 interrelationship comprises an includes relation.

1 49. (Previously Presented) The computer program product of claim 35 wherein
2 said document component-to-document component relationships comprise an excludes relation.

1 50. (Previously Presented) The computer program product of claim 35 wherein
2 said document component-to-document component relationships comprise a requires relation.

1 51. (Previously Presented) The computer program product of claim 35 wherein
2 said document component-to-document component relationships comprise an optional relation.

1 52. (Previously Presented) A computer program product comprising:
2 a computer usable medium comprising computer readable program code embodied
3 therein, said computer readable program code configured to:
4 access selection inputs selecting a compensation component and a textual
5 component;
6 in response to accessing the selection inputs, process rules to determine which of
7 one or more components of a plurality of components to include in a
8 document in addition to the compensation component and the textual
9 component, wherein the rules include component-to-component
10 relationships and at least one of the component-to-component
11 relationships identifies under what circumstances to include a first
12 component in the document when a second component is included in the
13 document;
14 obtain the compensation component, the textual component, and each of the
15 plurality of components to be included in the document as determined by
16 the processing of the rules; and
17 generate said document to include each of the obtained components.

1 53. (Previously Presented) The computer program product of claim 52 wherein
2 a configuration engine performs said generating said document.

1 54. (Previously Presented) The computer program product of claim 52 wherein
2 said compensation component comprises a commission associated with a sale of a product.

1 55. (Original) The computer program product of claim 54 wherein said
2 commission comprises monetary compensation to be distributed to a sales representative.

1 56. (Original) The computer program product of claim 54 wherein said
2 compensation component is modeled using a commission model.

1 57. (Previously Presented) The computer program product of claim 52 wherein
2 said textual elements comprises pre-defined textual elements.

1 58. (Previously Presented) The computer program product of claim 52 wherein
2 said textual elements of said document are associated with a product.

1 59. (Original) The computer program product of claim 52 wherein said document
2 comprises a contract.

1 60. (Previously Presented) The computer program product of claim 52 wherein
2 said textual component is defined by a first user.

1 61. (Previously Presented) The computer program product of claim 52 wherein
2 said at least one compensation component or said textual component defined as a member of a
3 group consisting of a standard component, required component, or optional component.

1 62. (Previously Presented) The computer program product of claim 52 wherein
2 said component-to-component relationships comprise an includes relation.

1 63. (Previously Presented) The computer program product of claim 52 wherein
2 said component-to-component relationships comprise an excludes relation.

1 64. (Previously Presented) The computer program product of claim 52 wherein
2 said component-to-component relationships comprise a requires relation.

1 65. (Previously Presented) The computer program product of claim 52 wherein
2 said component-to-component relationships comprise an optional relation.

1 66. (Previously Presented) A computer program product comprising:
2 a computer usable medium, said computer usable medium comprising computer readable
3 program code configured to:
4 present a modeling interface to a user, wherein the modeling interface comprises a
5 computer generated graphical user interface;
6 obtain modeling information from said user via said modeling interface;
7 generate at least one compensation plan from said modeling information;
8 generate at least one compensation component by creating a relation between
9 each of said at least one compensation plan and at least one product;
10 obtain at least one textual element;
11 generate at least one textual component comprising said at least one textual
12 element by creating a relation between each of said at least one textual
13 component and said at least one product;
14 include at least one rule associated with the compensation component and at least
15 one rule associated with the textual component in a document template,
16 wherein the rules are executable by a configuration engine, and the rules
17 include component-to-component relationships and at least one of the
18 component-to-component relationships identifies under what
19 circumstances to include a first component in the document template when
20 a second component is included in the document and to control how a
21 configuration engine processes the document template to configure a
22 document with one or more of the components; and
23 associate said at least one compensation component and said at least one textual
24 component with a document template.

1 67. (Previously Presented) The computer program product of claim 66 further
2 comprising code to:
3 provide said document template to said configuration engine; and
4 process said rules of said document template by said configuration engine to generate a
5 document.

1 68. (Previously Presented) The computer program product of claim 67 wherein
2 said processing comprises code to:
3 obtain one or more of the rules associated with said at least one compensation component
4 and said at least one textual component from said document template;
5 apply said one or more rules to generate a document; and
6 make said document available to a user.

1 69. (Previously Presented) The computer program product of claim 68 wherein
2 said one or more rules comprises an includes rule.

1 70. (Previously Presented) The computer program product of claim 68 wherein
2 said one or more rules comprises an excludes rule.

1 71. (Previously Presented) The computer program product of claim 68 wherein
2 said one or more rules comprises a requires rule.

1 72. (Previously Presented) The computer program product of claim 68 wherein
2 said one or more rules comprises an optional rule.

1 73. (Previously Presented) The method of claim 1 wherein said document
2 comprises a contract.

1 74. (Previously Presented) The method of claim 1 wherein at least one of said
2 plurality of document components are defined as a standard component, required component, or
3 optional component.

1 75. (Previously Presented) The method of claim 1 wherein said component-to-
2 component relationships comprise an includes relation.

1 76. (Previously Presented) The method of claim 1 wherein said component-to-
2 component relationships comprise an excludes relation.

1 77. (Previously Presented) The method of claim 1 further comprising:
2 receiving second input data that includes additional information useful for generating the
3 document from the plurality of document components, wherein the second input
4 data indicates selection of a third document component to be included in the
5 document;
6 in response to receiving the second input data, processing the rules to determine which, if
7 any, of one or more document components of the plurality of document
8 components to also include in the document; and
9 obtaining the third document component and each of the plurality of document
10 components to be included in the document as determined by the processing of
11 the rules.

1 78. (Previously Presented) The method of claim 1 further comprising:
2 receiving additional inputs of data, wherein the additional inputs of data indicate
3 selections of additional document components to be included in the document;
4 in response to receiving the additional inputs of data, processing the rules to determine
5 which, if any, of one or more document components of the plurality of document
6 components to also include in the document; and

7 obtaining the additional document components and each of the plurality of document
8 components to be included in the document as determined by the processing of
9 the rules.

1 79. (Previously Presented) The method of claim 1 wherein at least one of the
2 component-to-component relationships identifies a 'requires choice' component-to-component
3 relationship the method further comprising:

4 in response to the processing of the rules, requesting a user to select one document
5 component, from a group of document components identified by the requires
6 choice component-to-component relationship to include in the document.

1 80. (Previously Presented) The method of claim 1 wherein:
2 at least one of the component-to-component relationships identifies an 'includes'
3 component-to-component relationship;
4 receiving input data further comprises receiving a selection of a third document
5 component; and
6 obtaining each of the plurality of document components to be included in the document
7 as determined by the processing of the rules further comprises obtaining the third
8 document component and a fourth document component identified in the includes
9 component-to-component relationship.

1 81. (Previously Presented) The method of claim 1 wherein at least one of the
2 component-to-component relationships identifies an 'optional' component-to-component
3 relationship, the method further comprising:
4 in response to the processing of the rules, providing a user an option to select one or more
5 document components, from a group of document components identified by the
6 optional component-to-component relationship; and
7 wherein obtaining each of the plurality of document components to be included in the
8 document as determined by the processing of the rules further comprises
9 obtaining each document component selected by the user in response to providing
10 the user the option to select the one or more document components.

1 82. (Previously Presented) The method of claim 1 wherein at least one of the
2 component-to-component relationships identifies a 'removes' component-to-component
3 relationship and wherein receiving input data further comprises receiving a selection of a third
4 document component, the method further comprising:
5 removing one or more document components from inclusion in the document.

1 83. (Previously Presented) The method of claim 1 wherein the input data
2 comprises selection of a particular contract type.

1 84. (Previously Presented) The method of claim 1 wherein the plurality of
2 document components and component-to-component relationships are included in a document
3 template.

1 85. (Previously Presented) The method of claim 15 further comprising:
2 receiving a second selection input, wherein the second selection input indicates selection
3 of a third component to be included in the document;
4 in response to receiving the second selection input, processing the rules to determine
5 which, if any, of one or more components of the plurality of components to also
6 include in the document; and
7 obtaining the third component and each of the plurality of components to be included in
8 the document as determined by the processing of the rules.

1 86. (Previously Presented) The method of claim 15 further comprising:
2 receiving additional selection inputs, wherein the additional selection inputs indicate
3 selections of additional components to be included in the document;
4 in response to receiving the additional selection inputs, processing the rules to determine
5 which, if any, of one or more components of the plurality of components to also
6 include in the document; and
7 obtaining the additional components and each of the plurality of components to be
8 included in the document as determined by the processing of the rules.

1 87. (Previously Presented) The method of claim 15 wherein at least one of the
2 component-to-component relationships identifies a 'requires choice' component-to-component
3 relationship, the method further comprising:

4 in response to the processing of the rules, requesting a user to select one component, from
5 a group of components identified by the requires choice component-to-component
6 relationship to include in the document.

1 88. (Previously Presented) The method of claim 15 wherein:
2 at least one of the component-to-component relationships identifies an 'includes'
3 component-to-component relationship;
4 receiving a selection input further comprises receiving a selection of a third component;
5 and
6 obtaining each of the plurality of components to be included in the document as
7 determined by the processing of the rules further comprises obtaining the third
8 component and a fourth component identified in the includes component-to-
9 component relationship.

1 89. (Previously Presented) The method of claim 15 wherein at least one of the
2 component-to-component relationships identifies an 'optional' component-to-component
3 relationship, the method further comprising:
4 in response to the processing of the rules, providing a user an option to select one or more
5 components, from a group of components identified by the optional component-
6 to-component relationship; and
7 wherein obtaining each of the plurality of components to be included in the document as
8 determined by the processing of the rules further comprises obtaining each
9 component selected by the user in response to providing the user the option to
10 select the one or more components.

1 90. (Previously Presented) The method of claim 15 wherein at least one of the
2 component-to-component relationships identifies a 'removes' component-to-component

3 relationship and wherein receiving a selection input further comprises receiving a selection of a
4 third component, the method further comprising:
5 removing one or more components from inclusion in the document.

1 91. (Previously Presented) The method of claim 15 wherein the selection input
2 comprises selection of a particular contract type.

1 92. (Previously Presented) The method of claim 15 wherein the plurality of
2 components and component-to-component relationships are included in a document template.

1 93. (Previously Presented) The computer program product of claim 35 wherein
2 the code is further configured to:

3 access second input data that includes additional information useful for generating the
4 document from the plurality of document components, wherein the second input
5 data indicates selection of a third document component to be included in the
6 document;

7 in response to accessing the second input data, process the rules to determine which, if
8 any, of one or more document components of the plurality of document
9 components to also include in the document; and

10 obtain the third document component and each of the plurality of document components
11 to be included in the document as determined by the processing of the rules.

1 94. (Previously Presented) The computer program product of claim 35 wherein
2 the code is further configured to:

3 access additional inputs of data, wherein the additional inputs of data indicate selections
4 of additional document components to be included in the document;

5 in response to accessing the additional inputs of data, process the rules to determine
6 which, if any, of one or more document components of the plurality of document
7 components to also include in the document; and

8 obtain the additional document components and each of the plurality of document
9 components to be included in the document as determined by the processing of
10 the rules.

1 95. (Previously Presented) The computer program product of claim 35 wherein
2 at least one of the component-to-component relationships identifies a 'requires choice'
3 component-to-component relationship, the code is further configured to:
4 in response to the processing of the rules, request a user to select one document
5 component, from a group of document components identified by the requires
6 choice component-to-component relationship to include in the document.

1 96. (Previously Presented) The computer program product of claim 35
2 wherein:
3 at least one of the component-to-component relationships identifies an 'includes'
4 component-to-component relationship;
5 the code configured to access input data further comprises accessing a selection of a third
6 document component; and
7 the code configured to obtain each of the plurality of document components to be
8 included in the document as determined by the processing of the rules further
9 comprises obtaining the third document component and a fourth document
10 component identified in the includes component-to-component relationship.

1 97. (Previously Presented) The computer program product of claim 35 wherein
2 at least one of the component-to-component relationships identifies an 'optional' component-to-
3 component relationship, the code is further configured to:
4 in response to the processing of the rules, provide a user an option to select one or more
5 document components, from a group of document components identified by the
6 optional component-to-component relationship; and
7 wherein the code configured to obtain each of the plurality of document components to
8 be included in the document as determined by the processing of the rules further

9 comprises obtaining each document component selected by the user in response to
10 providing the user the option to select the one or more document components.

1 98. (Previously Presented) The computer program product of claim 35 wherein
2 at least one of the component-to-component relationships identifies a 'removes' component-to-
3 component relationship and wherein the code configured to access input data further comprises
4 accessing a selection of a third document component, the code is further configured to:
5 remove one or more document components from inclusion in the document.

1 99. (Previously Presented) The computer program product of claim 35 wherein
2 the input data comprises selection of a particular contract type.

1 100. (Previously Presented) The computer program product of claim 35 wherein
2 the plurality of document components and component-to-component relationships are included
3 in a document template.

1 101. (Previously Presented) The computer program product of claim 52 wherein
2 the code is further configured to:
3 access a second selection input, wherein the second selection input indicates selection of
4 a third component to be included in the document;
5 in response to accessing the second selection input, process the rules to determine which,
6 if any, of one or more components of the plurality of components to also include
7 in the document; and
8 obtain the third component and each of the plurality of components to be included in the
9 document as determined by the processing of the rules.

1 102. (Previously Presented) The computer program product of claim 52 wherein
2 the code is further configured to:
3 access additional selection inputs, wherein the additional selection inputs indicate
4 selections of additional components to be included in the document;

5 in response to accessing the additional selection inputs, process the rules to determine
6 which, if any, of one or more components of the plurality of components to also
7 include in the document; and
8 obtain the additional components and each of the plurality of components to be included
9 in the document as determined by the processing of the rules.

1 103. (Previously Presented) The computer program product of claim 52 wherein
2 at least one of the component-to-component relationships identifies a 'requires choice'
3 component-to-component relationship, the code is further configured to:
4 in response to the processing of the rules, request a user to select one component, from a
5 group of components identified by the requires choice component-to-component
6 relationship to include in the document.

1 104. (Previously Presented) The computer program product of claim 52
2 wherein:
3 at least one of the component-to-component relationships identifies an 'includes'
4 component-to-component relationship;
5 the code configured to access a selection input is further configured to access a selection
6 of a third component; and
7 the code configured to obtain each of the plurality of components to be included in the
8 document as determined by the processing of the rules is further configured to
9 obtain the third component and a fourth component identified in the includes
10 component-to-component relationship.

1 105. (Previously Presented) The computer program product of claim 52 wherein
2 at least one of the component-to-component relationships identifies an 'optional' component-to-
3 component relationship, the code is further configured to:
4 in response to the processing of the rules, provide a user an option to select one or more
5 components, from a group of components identified by the optional component-
6 to-component relationship; and

7 wherein the code configured to obtain each of the plurality of components to be included
8 in the document as determined by the processing of the rules is further configured
9 to obtain each component selected by the user in response to providing the user
10 the option to select the one or more components.

1 106. (Previously Presented) The computer program product of claim 52 wherein
2 at least one of the component-to-component relationships identifies a 'removes' component-to-
3 component relationship and wherein the code configured to access a selection input further
4 comprises accessing a selection of a third component, the code is further configured to:
5 remove one or more components from inclusion in the document.

1 107. (Previously Presented) The computer program product of claim 52 wherein
2 the selection input comprises selection of a particular contract type.

1 108. (Previously Presented) The computer program product of claim 52 wherein
2 the plurality of components and component-to-component relationships are included in a
3 document template.